



# MEDFIELD HIGH SCHOOL

Profile 2013 -2014

88R South Street, Medfield, MA 02052  
 Administration 508.359.4367  
 Guidance 508.359.2482  
 Facsimile 508.242.8516  
 www.medfield.net

CEEB School Code 221360

Accredited by the New England Association of Schools and Colleges (NEASC)

## ADMINISTRATION

Jeffrey Marsden, Ed.D, Superintendent  
 Matthew LaCava, Director of Pupil Services  
 Robert Parga, Principal  
 Kathleen Nunes, Dean of Academics  
 Jeffrey Sperling, Dean of Students

## GUIDANCE

Heather Mandosa, Guidance Content Specialist  
 Marie Foley, Guidance/ Adjustment Counselor  
 Anne Lodge, Guidance Counselor  
 Erik Ormberg, Guidance Counselor  
 Stephanie Worthley, Guidance Counselor  
 Trinka Snyder, School Psychologist  
 Janet Birkett, Guidance Secretary

## TOWN OF MEDFIELD

Population: 12,660 residents  
 Suburban community  
 Middle to high income  
 Primarily residential  
 Located 20 miles southwest of Boston

## MEDFIELD HIGH SCHOOL

Academic, grades 9 - 12  
 Enrollment 896 students  
 Class of 2013 enrollment of 239 students  
 District enrollment 2,593 students

## MISSION STATEMENT

Medfield High School, in partnership with family and community, promotes both integrity and excellence in scholarship and citizenship for *all* learners.



## TESTING INFORMATION

Data is based on information from the Naviance program for the class of 2013.

### SAT Reasoning Scores

Section	# Tested 224	
	Mid 50%	Mean
Critical Reading	540-650	591
Math	560-690	618
Writing	530-660	598
Total	1650	1980

### ACT Averages

	# Tested 163
English	27.0
Math	27.5
Reading	27.5
Science	25.9
Composite	26.9

### SAT Subject Test Scores

Subject	Mean	# Taken
Biology-E	645	8
Biology-M	647	44
Chemistry	627	15
Literature	630	13
Math IC	675	40
Math IIC	721	46
Physics	724	16
Spanish	584	9
US History	679	41

### Advanced Placement Information

291 students took 493 AP Exams in 15 Subjects	
5	130
4	166
3	135
2	45
1	17

## POSTSECONDARY PLANS

Class of	2009	2010	2011	2012	2013
Four Year College	92%	94%	94%	94%	94%
Two Year College	1%	0%	1%	1.2%	1.2%
Non-College Education	1%	1%	1%	1%	1.1%
Military	0%	0%	0%	0%	0.1%
Employment	5%	4%	3%	1.5%	3.4%

## GRADUATION REQUIREMENTS

English	4 years
Mathematics	3 years
Science	3 years
Social Studies	3 years
World Language	2 years
Wellness	2 years
Fine/ Applied Art	1 year
Must pass MCAS in ELA, Math, Science	

## LEVEL INFORMATION

Courses at Medfield High School are offered at the Honors (H), College Prep 1 (C1), and College Prep 2 (C2) level for freshmen and sophomores. In addition to these levels, as juniors and seniors, students may take courses at the Advanced Placement (AP) level. Curriculum at all levels aligns with the state curriculum frameworks but differences occur in pacing, depth of coverage, and independent study. Medfield offers fourteen AP level courses.

## COURSES OFFERED

### English:

English 9 (H, C1, C2)  
 World Literature (H, C1,C2)  
 American Literature (H, C1, C2)  
 English Literature (AP, H, C1, C2)  
 Speech  
 Advanced Writing Seminar (H)  
 Expository & Analytical Writing  
 Journalism  
 SAT/ ACT Preparation  
 Shakespeare  
 Yearbook & Design  
 Creative Writing  
 Film Theory  
 The Holocaust

### World Languages and Culture:

French I - IV (C1)  
 French V (AP, H)  
 Spanish I - IV (C1)  
 Spanish V (AP, H)  
 Latin I -- IV (C1)  
 Mandarin I--III (C1)

### Math:

Algebra I (C2)  
 Geometry (H, C1, C2)  
 Algebra II (H, C1, C2)  
 Adv. Algebra & Trigonometry (C1)  
 Functions and Trigonometry (C2)  
 Math Analysis (H)  
 Precalculus (C1)  
 Topics in Math (C2)  
 Calculus (H)  
 AP Calculus AB  
 AP Calculus BC  
 AP Statistics  
 English/Math Support (EMS)

### History:

World History (H, C1, C2)  
 US History I (H, C1, C2)  
 US History II (AP, H, C1, C2)  
 Behavioral Studies  
 Future Studies  
 Modern World Conflicts  
 AP US Government and Politics  
 AP European History  
 AP Psychology  
 General Psychology  
 Sociology  
 Practical Law

### Science:

Biology I (H, C1, C2)  
 Physics I (H, C1, C2)  
 Chemistry I (H, C1, C2)  
 Physics II (AP, H)  
 Chemistry II (AP, H)  
 Biology II (AP, H)  
 Human Anatomy and Physiology  
 Forensic Science  
 Marine Science  
 Environmental Science  
 AP Preparation

### Wellness:

Wellness 9 & 10  
 Foods  
 International Foods  
 Child Care and Development  
 Discovery Zone: Connecting w/  
     Children  
 Activities for Life  
 Personal Safety  
 Outdoor Pursuits  
 Ballroom Dance  
 Athletic Training

### Business & Technology:

Introduction to Graphic Design  
 App Development  
 Technology Help Desk  
 Video Production & Technology I & II  
 Introduction to Business  
 Accounting I & II  
 Entrepreneurship  
 Introduction to Web Design

### Art:

Introduction to Art  
 Clay Art Studio  
 Drawing & Painting  
 Three Dimensional Design  
 Printmaking & Design  
 Photography I & II  
 Art I & II  
 Studio Art (AP, H)

### Performing Arts-Music:

Band  
 Jazz Ensemble  
 Orchestra Strings  
 Concert Choir  
 Jazz Choir  
 Music Technology & Composition

### Special Programs:

Work Release  
 Student Teacher Aide Program  
 INDEX – Foreign Language  
 English Language Development

### Online Programs:

Virtual High School (AP, H, C1)  
 TEC online (AP, H, C1)  
 Connections Learning (AP, H, C1)

## MARKING SYSTEM

A+	97–100	B+	87–89	C+	77–79	D+	67–69	F	Below 60	P	Passing
A	93–96	B	83–86	C	73–76	D	63–66	I	Incomplete	W	Withdrawn
A-	90–92	B-	80–82	C-	70–72	D-	60–62				

## ATHLETICS AND EXTRACURRICULARS

As a member of the Tri-Valley League, approximately 84% of MHS students participate in twenty-seven sports offered at the varsity, junior varsity or freshman levels. In addition, Medfield High School students participate in approximately thirty different clubs.

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## NATIONAL AND STATE RECOGNITIONS

2013 National Merit Scholarship Program

3 Semi-finalists

16 Commended Scholars

US News and World Report Gold Ranked

2013 MCAS Data

ELA 99% proficient and advanced

Math 98% proficient and advanced

Science 94 % proficient and advanced

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## GRADE POINT AVERAGES / DECILES

Each Medfield High School student is provided with two GPA profiles and decile rankings, weighted and unweighted. The GPA is only calculated at the end of the semester and based on a scale of a 4.0.

The unweighted GPA is calculated by utilizing the grades earned in all courses with the exception of Pass/Fail courses, skill development, and special programs. The weighted GPA profile is calculated by utilizing the final grade earned in up to five full year courses in the subject areas of English, mathematics, social studies, science, and foreign language. If a student took six courses in a year, the five most favorable grades are used. Students are then provided with an additional 0.8 for all classes taken at the honors or advanced placement (AP) level.

The GPA of students who transfer to Medfield High School will only reflect work completed at Medfield High School. To be included in the decile ranking system, students must have completed a minimum of three semesters at Medfield High School.

Grade	C1/C2	AP/H	Grade	C1/C2	AP/H	Grade	C1/C2	AP/H
A+	4.33	5.13	B	3.00	3.80	C-	1.67	2.47
A	4.00	4.80	B-	2.67	3.47	D+	1.33	2.13
A-	3.67	4.47	C+	2.33	3.13	D	1.00	1.80
B+	3.33	4.13	C	2.00	2.80	D-	0.67	1.47
						F	0.00	0.00

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## GPA DISTRIBUTION - CLASS OF 2014

### Weighted GPA Range

(5.02 highest possible weighted GPA)

10%	4.29–5.02
20%	4.04–4.28
30%	3.77–3.98
40%	3.53–3.76
50%	3.31–3.52
60%	3.12–3.30
70%	2.96–3.11
80%	2.76–2.95
90%	2.33–2.73
100%	0.00–2.31

### Unweighted GPA Range

(4.33 highest possible unweighted GPA)

10%	3.83–4.33
20%	3.69–3.82
30%	3.58–3.68
40%	3.46–3.57
50%	3.30–3.45
60%	3.20–3.29
70%	3.04–3.19
80%	2.83–3.02
90%	2.45–2.81
100%	0.00–2.42

COLLEGE AND UNIVERSITY MATRICULATION

Class of 2013

Top Schools Matriculated – 2013

University of Massachusetts, Amherst.....12	Bridgewater State University .....4
University of New Hampshire.....9	Hobart and William Smith College .....4
Bates College .....5	University of Maryland.....4
Elon University .....5	Northeastern University.....4
Loyola University Maryland .....5	Roger Williams University.....4
Providence College.....5	St. Lawrence University .....4
University of Vermont .....5	

For a complete list of schools that accepted members of the Class of 2013, please check the Medfield High School website.

Amherst College	Hofstra University	Suffolk University
Babson College	Indiana University	Syracuse University
Bates College	at Bloomington	The Catholic University of America
Bay State College	Iona College	The University of Alabama
Bentley University	Ithaca College	The University of Arizona
Berklee College of Music	Keene State College	Trinity College
Boston College	Lafayette College	Tufts University
Boston University	Lehigh University	Tulane University
Bridgewater State University	Loyola University Chicago	Union College
Bridgton Academy	Loyola University Maryland	University of California at Berkeley
Brown University	Marquette University	University of California at
Bryant University	Massachusetts College of	Los Angeles
Bucknell University	Art and Design	University of Colorado at Boulder
Champlain College	Massachusetts College of	University of Connecticut
Clarkson University	Liberal Arts	University of Dayton
Clemson University	Massachusetts College of	University of Delaware
Colby College	Pharmacy & Health Sciences	University of Kentucky
Colgate University	Miami University, Oxford	University of Maine
College of Charleston	Muhlenberg College	University of Maryland,
College of the Holy Cross	New York University	College Park
Colorado College	Northeastern University	University of Massachusetts,
Colorado State University	Norwich University	Amherst
Connecticut College	Princeton University	University of Massachusetts,
Cornell University	Providence College	Boston
Curry College	Providence College	University of Massachusetts,
Dartmouth College	Quinnipiac University	Dartmouth
Dickinson College	Rensselaer Polytechnic Institute	University of Miami
Duke University	Rhode Island College	University of New Hampshire
Elon University	Rhode Island School of Design	University of New Haven
Emerson College	Rochester Institute of Technology	University of Pennsylvania
Emmanuel College	Roger Williams University	University of Rhode Island
Endicott College	Rutgers, The State University of	University of Richmond
Endicott College	New Jersey at New Brunswick	University of Rochester
Fairfield University	Saint Joseph's College-ME	University of South Carolina
Florida Institute of Technology	Santa Monica College	University of Vermont
Florida Southern College	Savannah College of	Villanova University
Fordham University	Art and Design	Wake Forest University
Franklin Pierce University	Siena College	Wentworth Institute of Technology
Furman University	Simmons College	Wesleyan University
Green Mountain College	Smith College	Westfield State University
High Point University	St. Lawrence University	Worcester Polytechnic Institute
Hobart and William Smith	Stonehill College	Worcester State University